Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030848.D
Acq On : 11 Apr 2024 18:53
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Apr 12 01:04:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 01:02:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6524	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	20046	0.400	ng		0.00
13) Acenaphthene-d10	14.316	164	12408	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	28764	0.400	ng		0.00
29) Chrysene-d12	21.258	240	23129	0.400	ng		0.00
35) Perylene-d12	23.489	264	19929	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	5892	0.384	ng		0.00
5) Phenol-d6	6.844	99	7227	0.376	ng		0.00
8) Nitrobenzene-d5	8.819	82	5451	0.376	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	12267	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.811	330	1845	0.340	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	16844	0.383	ng		0.00
27) Fluoranthene-d10	19.098	212	29344	0.377	ng		0.00
31) Terphenyl-d14	19.702	244	22700	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2915	0.394	ng		96
3) n-Nitrosodimethylamine	3.529	42	2934	0.388	ng		100
6) bis(2-Chloroethyl)ether	7.104	93	7053	0.386	ng		100
9) Naphthalene	10.506	128	21631	0.389	ng		100
10) Hexachlorobutadiene	10.784	225	4348	0.393	ng	#	100
12) 2-Methylnaphthalene	12.122	142	14582	0.387	ng		100
16) Acenaphthylene	14.028	152	20564	0.365	ng		100
17) Acenaphthene	14.370	154	14703	0.382	ng		100
18) Fluorene	15.364	166	19645	0.381	ng		100
20) 4,6-Dinitro-2-methylph...	15.449	198	1053	0.421	ng		100
21) 4-Bromophenyl-phenylether	16.258	248	6578	0.383	ng		100
22) Hexachlorobenzene	16.358	284	7746	0.388	ng		100
23) Atrazine	16.531	200	4487	0.356	ng		100
24) Pentachlorophenol	16.718	266	2143	0.416	ng		90
25) Phenanthrene	17.102	178	32559	0.385	ng		100
26) Anthracene	17.189	178	26369	0.366	ng		100
28) Fluoranthene	19.131	202	38299	0.380	ng		100
30) Pyrene	19.493	202	38723	0.389	ng		100
32) Benzo(a)anthracene	21.249	228	30599	0.373	ng		100
33) Chrysene	21.294	228	33239	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.178	149	14529	0.344	ng		100
36) Indeno(1,2,3-cd)pyrene	25.732	276	29632	0.376	ng		100
37) Benzo(b)fluoranthene	22.817	252	31868	0.380	ng		100
38) Benzo(k)fluoranthene	22.864	252	30691	0.381	ng		100
39) Benzo(a)pyrene	23.390	252	26051	0.378	ng		100
40) Dibenzo(a,h)anthracene	25.749	278	23507	0.375	ng		100
41) Benzo(g,h,i)perylene	26.422	276	25866	0.380	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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